

# Installations

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## 2.4 GHz DUAL PLANAR ANTENNA

### Part Numbers:

TCANT107 – SMA - RP-BNC 1 metre leads.  
TCANT108 – SMA - RP-BNC 2 metre leads.  
TCANT112 – SMA - RP-SMA 1 metre leads.  
TCANT113 – SMA - RP-SMA 2 metre leads  
TCANT114 – SMA - RP-TNC 1 metre leads  
TCANT115 – SMA - RP-TNC 2 metre leads

**Note:** Differing Cable lengths and connectors can be supplied on request.

### Technical Data.

#### Electrical Properties

Frequency range	2400 - 2485 MHz
Impedance	50 $\Omega$
VSWR	1.5
Polarization Dual	Linear, Vertical $\pm 45^\circ$ slant
Gain	8 dBi
3 dB beamwidth horizontal	75°
3 dB beamwidth vertical	70°
Downtilt	0°
Isolation between Ports	25 dB
Front to back ratio	14 dB
Max. power	10 W (CW) at 25°C

#### Mechanical & Environmental Properties

Dimensions 101 x 80 x 35 mm  
(3.98" x 3.15" x 1.38")  
Weight 0.11 kg (0.24 lbs.)  
Radome material LEXAN EXL 9330  
Radome colour RAL 7044 (silkgrey)  
2002/95/EC (RoHS) compliant  
Operating temperature range - 40°C to + 80°C  
Storage temperature range - 40°C to + 80°C  
Water Tightness IP66/67  
Windload 15 N at 160km/h (100mph)  
Connectors SMA

